

## **Exhibit A**

### **Scope of Work**

#### **Purpose**

The purpose of this contract is to assist in evaluating energy facilities applications (e.g., certification of new power plants and related transmission lines, compliance monitoring of permitted facilities, and designating transmission corridors) and for other activities in the areas of environmental impact assessment, engineering, and related regulatory matters. These other activities will include identifying potential locations, siting strategies, and mitigation measures to facilitate the permitting of electric generation projects and related transmission lines; analyzing and making recommendations regarding new laws, ordinances, regulations and standards affecting electricity infrastructure permitting; and training staff.

#### **Work Guarantee**

All members of the Contractor team, including employees of the Contractor, are eligible to perform and may be assigned technical work. However, there is no guarantee that work will be required in all areas, or that every person or firm listed in this Agreement will receive work during the Agreement period. Additional people or firms may be added during the course of this Agreement, if necessary, upon approval by the Energy Commission staff.

#### **Work Authorizations**

This is a "Work Authorization" Agreement and no work shall be undertaken unless authorized by the Energy Commission through a specific written document called a "Work Authorization". The Contract Manager will prepare and issue the written work authorizations that define the scope of work, the schedule of deliverables and the project budget. The amount of Contractor assistance required for each project will vary depending on the availability of Energy Commission staff with expertise in specific areas and the sensitivity of issues associated with the project. Final assignment of tasks and maximum payment on individual projects will be described in work authorizations signed by the Contractor and Energy Commission's Contract Manager.

To ensure the timeliness and success of all work performed under this Agreement, the Contract Manager will work closely with the Contractor to administer the Agreement, and a staff person will be assigned as a Work Authorization Manager to direct and review the work of assigned contractors on individual work assignments throughout all phases of the Agreement. The Energy Commission staff will review all products and deliverables to ensure quality, consistency and compliance with Energy Commission policies.

#### **Work Performance**

The Energy Commission cannot accurately predict far into the future when work will be required under this Agreement. The need to supplement staff resources with the

Contractor's services will vary in response to submittals by developers of energy facilities, possible Energy Commission decisions to designate a transmission corridor on its own motion, or a directive from the Governor's Office to carry out siting-related or designation-related activities. Further, once the need for work is initiated, the work may need to proceed at a quick pace to meet the required analytical and procedural deadlines. Accordingly, the Contractor will need to be able to respond to the Energy Commission's requests for technical support on a timely basis. The Contractor shall respond to requests for work in accordance with the following pattern:

- The Energy Commission's Contract Manager shall provide at least two (2) week's notice that a significant work effort will be required and the Contractor will need to assemble an effective and trained team during that period.
- The Contractor shall provide individual experts to handle specific issues with only two (2) days' notice.
- The Contractor shall return telephone calls and e-mails from the Energy Commission's Contract Manager and provide an initial response within four (4) hours.
- The Contractor and all team members shall meet the agreed upon product deadlines on the day they are due.
- The Contractor and all team members shall meet the agreed upon event deadlines on the day, hour, and location needed.
- The Contractor shall provide quality assurance on its draft products before delivery to the Energy Commission's Work Authorization Manager.

### **Contractor Activities**

The Contractor shall perform the following activities in carrying out the tasks under this Agreement. These activities are the general types of work Contractor will perform, in order to accomplish the tasks listed in this Agreement. These are not stand alone activities, but are the types of work required to perform tasks 1-16 below. All work requested via work authorization will fit within one or more of the 16 tasks.

- Perform California Environmental Quality Act (CEQA) and National Environmental Protection Act (NEPA) analysis.
- Perform environmental and engineering analysis.
- Develop recommendations regarding environmental and engineering issues.
- Prepare written testimony and present oral testimony.
- Write, edit and/or publish technical reports.
- Review and comment on technical reports.
- Identify, review and evaluate data. Develop information requests for data from sources outside of the Energy Commission, such as project developers, agencies, or other sources with information relevant to permitting electricity infrastructure.
- Conduct literature searches and review existing studies.
- Attend, participate in, facilitate, organize and/or present at meetings, workshops and hearings.

- Conduct field assessments to collect and analyze information on energy and environmental resources, land use patterns, existing energy facilities, engineering suitability of specific sites for electricity generation and transmission facilities, and related environmental and engineering matters.
- Evaluate the effects of existing or proposed laws, ordinances, regulations and standards of local, state or federal agencies on the permitting and operation of power plants and transmission lines or the designation of transmission corridors.
- Consult with agencies in determining the applicability of their laws and regulations to power plant licensing or transmission corridor designation applications, and in planning for the permitting and development of energy resources and related transmission line infrastructure.
- Use complex analytical models and decision support tools related to environmental and engineering matters, including developing high quality model inputs and assumptions.
- Compare the potential environmental impacts, engineering feasibility, potential costs and electricity system impacts of different electric generation or transmission project types and configurations, generally or in specific environmental settings.
- Answer Energy Commission staff's, Commissioners', and Commissioner Advisors' technical questions about environmental, engineering, and regulatory issues associated with electric generation projects and transmission lines.
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### **Specific Tasks**

The Contractor will be required to perform management functions; to complete a series of specific tasks in analyzing Applications for Certification (AFC), Applications for Amendments to Energy Commission Decisions and existing Conditions of Certification (Amendments); Small Power Plant Exemptions (SPPEs), Transmission Corridor Designation (TCD) applications; and to provide technical support services.

Upon issuance of a work authorization, Contractor shall:

### **Management and Administration** **(Task 1)**

The Contractor will be required to perform the following management task.

### **Task 1 – Contract Management and Administrative Duties**

A maximum of 10% of the total Agreement budget will be allocated for this task. The Contractor will be required to perform contract management and administrative duties to manage the Agreement.

The Contractor shall:

- Supply cost estimates for potential work tasks to Energy Commission technical staff.
- After approval of potential work tasks by the Energy Commission Siting, Transmission and Environmental Protection Division management, supply information for work authorization development to the Energy Commission Work Authorization Manager; including a definition of the scope of work, the schedule of deliverables and the work task budget.
- Prepare and execute agreements with subcontractors that convey all provisions contained in the Agreement and specific work authorizations between the Energy Commission and the Contractor.
- Enforce subcontract provisions, and in the event of failure of the subcontractor to perform satisfactorily, recommend actions to resolve the problem.
- Require subcontractors to provide invoices which correctly identify personnel, rates, actual hours, and direct expenses charged to each task of each work authorization and which provide adequate documentation to justify expenses, including electronic copies of completed deliverables. Maintain electronic record of invoices and invoice documentation, including completed deliverables. For work assignments spanning a lengthy period, the work authorization may be structured to allow billing for completed interim deliverables. Subcontractor invoices will be reviewed by the Contractor and the Energy Commission Work Authorization Manager, technical staff, or Contract Manager for accuracy and completeness.
- Provide monthly progress reports by the tenth of each month to the Energy Commission's Contract Manager on the Contractor's and subcontractors' progress for work assignments, including a summary of contract expenditures to date.
- Submit monthly invoices by the tenth of each month to the Energy Commission's Accounting Office with a copy to the Energy Commission Contract Manager. Invoices shall indicate the labor costs, operating expenses, fees and Disabled Veterans Business Enterprise (DVBE) amounts. Invoices shall coincide with the monthly progress report timeframe. Invoices will not list work authorizations not issued at the time of invoice preparation.
- Pay subcontractors for satisfactory products within five working days after payment is received from the Energy Commission.
- Develop and maintain a secure website to share contract-related information with Energy Commission staff and to track the status of all work authorizations.
- For each fiscal year, prepare a Final Report on the work accomplished during that fiscal year and a brief (200 words or less) abstract.

## **Incidental Services Tasks**

(Task 2 and 3)

In addition to Management and Administration duties (Task 1), the Contractor shall provide incidental services to support the environmental and engineering related work of Energy Commission staff and consultant technical specialists.

## **Task 2 – Document Production**

The Contractor shall:

- Produce graphics to support Energy Commission documents and analysis, including Geographic Information Systems (GIS) maps, and photographic and artistic renderings.
- Edit and synthesize technical writing from one or more sources to ensure correct grammar, unified style and clarity of Energy Commission documents. Ensure that the written products of staff and the Contractor's technical specialists clearly convey their intended message to the public and all stakeholders.
- Format and prepare electronic documents for high quality printing and/or binding. Print and/or bind documents in high-quality formats.

## **Task 3 – Interpreting and Translation Services**

- The Contractor shall translate documents and/or interpret verbal comments between English and Arabic, Armenian, Cantonese, Cambodian, Farsi, Hmong, Korean, Mandarin, Punjabi, Russian, Spanish, Tagalog, Vietnamese and other languages as required. Interpreting services will be required at onsite and offsite meetings, workshops and hearings.

## **Power Plant Siting and Transmission Corridor Designation Tasks**

(Tasks 4 – 10)

The Contractor will be required to perform the following tasks to support the Power Plant Siting and Transmission Corridor Designation Programs. During the period of the Agreement, a substantial percentage of the projects will be 12-month AFCs, with a lesser number of Amendments, SPPEs and TCD projects. The specific tasks and degree of effort the Contractor performs for each project may vary. Work authorizations for specific applications for AFCs, SPPEs, Amendments and TCD projects will detail the location of the proposed project and technical area for Contractor's work. Specific due dates for Contractor's work will be set pursuant to the project schedule developed by the project manager for the project application.

Energy Commission staff may direct the Contractor to review TCD applications from developers or utilities, and/or staff proposed TCD applications. For a TCD application the Contractor has helped staff to prepare, the Contractor may be directed to represent staff on the application in the TCD proceeding.

## **Task 4 – Data Adequacy Assessment (Applies to AFC/TCD Only)**

The Energy Commission must determine if applications contain the substance of information required by the appropriate regulations. Energy Commission staff must make a data adequacy recommendation to the full Commission within 30 days of the filing of the application, and the Energy Commission must act on the recommendation at a public meeting within 45 days of the filing. If the Energy Commission finds that the application is incomplete, it must provide the applicant a written list of deficiencies that must be addressed in a supplemental filing by the applicant, should the applicant choose to continue (125 copies). The Energy Commission must make any subsequent data adequacy determinations within 30 days of receipt of the supplemental filing.

The Contractor shall:

- Compare the contents of the application with the information requirements.
- Identify any deficiencies.
- If necessary, meet with the applicant in a pre-acceptance workshop and explain the deficiencies and expected information.
- If necessary, assist the Energy Commission's Siting, Transmission and Environmental Protection Division Management in forming an overall data adequacy recommendation.
- If necessary, participate in a data adequacy hearing. To be completed within 45 days after filing.

The schedule for activities and products varies between AFCs and TCDs. The typical schedule for activities and products during a 12-month AFC or TCD data adequacy review is as follows:

Event	Calendar Day	Product
Document Received	-0-	Application
Pre-acceptance Workshop if needed	15	Workshop
Staff Data Adequacy Recommendations to Project Manager (PM)	20	Data Adequacy Worksheets
Data Adequacy Briefing with Division Management	25	Meeting
Data Adequacy Recommendations to Executive Office	28	Meeting
Executive Office Data Adequacy Recommendation	30	Recommendation to Energy Commission
Business Meeting on Data Adequacy	45	Business Meeting Order

Note: All days are based upon the date of filing.

#### **Task 5 – Discovery (Applies to AFC/SPPE/Amendment/TCD)**

During the discovery phase of the project, the Contractor will collect all information necessary to evaluate the project and prepare the analysis in the next task.

The Contractor shall:

- Review the application and other materials and coordinate with appropriate state, local, or federal agencies to determine the significant issues of the project for each technical area.
- Prepare data requests and attend publicly noticed workshops to discuss either the requests or the applicant's responses if additional information is needed from the applicant.
- Participate in site visits, necessary field studies and informational hearings.

The schedule for activities and products varies between AFCs, SPPEs, Amendments and TCDs. The typical schedule during the 12-month AFC or TCD discovery phase is as follows:

Event	Calendar Day	Product
Written Data Requests to PM	15	Data Requests
Data Requests to Applicant	25	Letter
Site Visit/Informational Hearing	30-45	Field Trip
Data Request Workshop	35	Workshop
Responses Filed	55	Responses
Data Response Workshop	65-75	Workshop
Second Data Requests to PM (if needed)	70	Data Requests
Second Data Requests to Applicant (if needed)	80	Letter
Second Data Request Workshop (if needed)	85	Workshop
Second Set of Responses Filed (if needed)	100-110	Responses
Second Data Response Workshop (if needed)	115-120	Workshop

Note: All days are based upon the date acceptance. Actual schedules may vary based upon the Committee Orders, issues in the case, and type of process.

#### **Task 6 – Analysis (Applies to AFC/SPPE/Amendment/TCD)**

This task requires the Contractor to prepare a written evaluation of the project for each technical area assigned.

The Contractor shall:

- Identify all applicable federal, state and local laws, ordinances, regulations, standards (LORS), policies or plans that apply to the project.
- Describe the existing conditions at or near the project.
- Assess the direct, indirect and cumulative impacts of the proposed project.
- Evaluate the project's ability to comply with applicable LORS.
- Evaluate applicant's proposed measures to eliminate or reduce significant impacts or comply with applicable laws.
- Recommend additional mitigation measures.
- Evaluate, and make recommendations regarding, any feasible alternatives to the project.
- Recommend specific conditions for certification or designation and methods for verifying that conditions have been met.

Analyses will be based upon Contractor's review of the application, communication with appropriate federal, state and local agencies, attendance at informational hearings, consideration of various parties' comments and concerns, participation in site visits and necessary field studies, review of available information, and independent analyses.

The Energy Commission will specify the analysis format. The Contractor will be expected to give consideration to various parties' comments and concerns, respond to any comments from Energy Commission staff and incorporate changes into the draft or

final analyses that do not compromise the Contractor's professional expert analysis. Workshops may be conducted with the applicant to discuss the results of the analysis and/or proposed recommendations.

The schedule for activities and products varies among AFCs, SPPEs, Amendments and TCDs. The typical schedule during the 12-month AFC or TCD analysis phase is as follows:

Event	Calendar Day	Product
Sections of Preliminary Staff Assessment (PSA) or Draft Program EIR (DPEIR) with no Data Requests	70	PSA or DPEIR Section
PSA or DPEIR Sections for Areas with only one set of Data Requests	105	PSA or DPEIR Sections
All Remaining PSA or DPEIR Sections	141	PSA or DPEIR Sections
PSA or DPEIR Distributed	150-165	PSA or DPEIR
PSA or DPEIR Workshops	165-180	Workshops
Pre-hearing Conference Statements Filed	175	PHC Statements
Pre-hearing Conference	180-200	PHC
FSA or Final PEIR (FPEIR) Filed	200-220	FSA or FPEIR (Testimony)

Note: All days are based upon the date acceptance. Actual schedules may vary based upon the Committee Orders, issues in the case, and type of process.

The staff assessment for a SPPE is shorter since it consists only of an initial study and separate analysis of power plant efficiency. Only one draft is prepared and submitted for public review and the entire process from application to Commission Decision is only 135 days long.

### **Task 7 – Hearings/Decisions (Applies to AFC/SPPE/Amendment/TCD)**

The Contractor will be required to write expert witness testimony and present it at evidentiary hearings. The testimony will be based on the initial analyses and any subsequent analysis necessary to respond to a specific issue or Committee request.

The Contractor shall:

- Prior to the hearings, participate as needed in PSA workshops and pre-hearing conferences to discuss conclusions and recommendations with the applicant, interveners, the public and the Committee. The purpose of these meetings is to determine areas of potential agreement and disagreement for discussion in the non-adjudicatory and evidentiary hearings.
- Prior to the evidentiary hearings, work on witness preparation with the Energy Commission's legal counsel assigned to the project. The Contractor will work with counsel to prepare rebuttal testimony and required legal briefs.



- During the hearings, the Contractor shall present expert testimony, answer questions of the Energy Commission and legal counsel and respond to cross-examination.
- Following the hearings, the Committee will prepare the proposed decision. The Contractor shall review the proposed decision in the appropriate subject areas and comment on facts, conclusions and recommendations from staff's perspective.
- If necessary, the Contractor will appear at hearings on the proposed and final decisions to present its position. Hearings must commence no earlier than day 90, nor later than day 240 in the 12-month process.

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The schedule for hearings and decisions varies among AFCs, SPPEs, Amendments and TCDs. The typical schedule during the 12-month AFC or TCD hearings/decisions phase is as follows:

Event	Calendar Day	Product
Evidentiary Hearings	220-240	Hearing
Committee Issues Presiding Member's Proposed Decision	305	Presiding Member's Proposed Decision
Committee Hearing on Proposed Decision	330	Hearing
Staff Comments on Presiding Member's Proposed Decision	335	Comments
Hearing on Decision	365	Hearing

Hearings on SPPEs and AFC amendments are similar to those above. During the SPPE process, however, only a Proposed Decision is prepared for consideration and final adoption. Note that all Calendar Day listings are approximate.

### **Task 8 – Siting Project Management (Applies to AFC/SPPE/TCD)**

The Contactor will be required to provide project management services to support processing AFCs, SPPEs and TCDs.

The Contractor shall:

- Plan, organize and direct the work of an interdisciplinary environmental and engineering staff team engaged in the review of complex or controversial energy facility siting applications.
- Critically review, evaluate and edit project correspondence, reports, testimony, briefs and position papers. Serve as the editor-in-chief and publisher for all major project documents. The work will include preparing and publishing Environmental Impact Reports and Initial Studies/Negative Declarations.
- Organize and conduct workshops and meetings among the staff and between the staff and energy facility developers, other governmental agencies, private organizations and the public to discuss environmental issues and other siting concerns.

- Represent the Commission staff at Energy Commission business meetings by making siting project presentations and answering general questions from the Commissioners.
- Provide expert witness testimony in evidentiary hearings on overall features of the proposed project.

### **Task 9 – Compliance Monitoring and Analysis of Amendments**

The Contractor will be required to provide technical and project management support to the Power Plant Compliance program. This will include compliance monitoring and analysis of proposed Amendments to Energy Commission Decisions, as detailed below.

The Contractor shall:

- Coordinate with power plant owners/operators and relevant state and local agencies to monitor the project's compliance with conditions of certification included in the Energy Commission's Decision.
- Review periodic compliance reports filed during both the construction and operating phase of a project, as well as site visits, to assess whether the project is in compliance. If compliance issues are identified the Contractor will be required to provide written analyses and recommendations to resolve them.
- Review and analyze proposed project compliance amendments, which an owner/operator may file after a project has been approved by the Energy Commission. Amendments may include minor changes to conditions of certification affecting the construction or operation of a project, or involve major changes to the design, location or operation of a project. In conducting the analysis, the Contractor will need to evaluate, in consultation with appropriate agencies, whether the proposed amendment will result in significant unmitigated environmental impacts or conflict with applicable laws, ordinances and regulations. Based on the analysis, the Contractor will be required to coordinate the work of technical specialists preparing written staff analyses, including findings and appropriate recommendations.
- Present Compliance staff analysis at a workshop or public hearing and respond to questions.

### **Task 10 – Preparing Transmission Corridor Designation Applications**

The Energy Commission may, under its own motion, propose the designation of a transmission line corridor. In that event, the staff will file an application to designate the proposed transmission line corridor. The Contractor may be directed to assist staff in preparing one or more applications to designate transmission corridors in support of one or more Energy Commission motions. When directed by staff to assist in preparing an application, the Contractor shall ensure the satisfaction of all informational requirements under Title 20, California Code of Regulations, section 2321 and Appendix A for each technical section assigned by the staff.

The Contractor shall assist staff with the following:

- Prepare a description of the proposed transmission corridor, its location, the region in which it is proposed to be located, and the transmission facilities anticipated to be within the corridor.
- Prepare a description of planning time frame, objectives and conformance of the proposed corridor with the state's needs and objectives as set forth in the latest adopted Strategic Transmission Investment Plan (STIP).
- Prepare a description of a reasonable range of alternative corridors that could meet the basic objectives of the proposed corridor.
- Prepare an environmental assessment of the proposed corridor, including a reasonable range of alternatives and feasible ways to mitigate or avoid foreseeable significant environmental impacts.
- Prepare a description of new generation, energy efficiency and demand reduction measures that are likely to be available during the planning timeframe of the proposed corridor.
- Coordinate with federal, state and local agencies to assure conformance of the corridor with existing laws, ordinances and regulations, existing land use patterns, and growth management plans and policies.
- Assist staff in preparing the transmission line corridor application and supporting appendices.
- Prepare written responses to information requests from parties to the Commission's corridor designation proceeding.
- Participate in public workshops to present aspects of the application and answer questions.
- Prepare and present written testimony, based on the application, at hearings held by the Commission Committee.

## **Environmental and Engineering Tasks to Support Renewable Energy Development**

(Tasks 11 – 14)

The Contractor shall perform environmental and engineering tasks to support the state's goal of increasing renewable electricity generation and associated transmission infrastructure while minimizing the related impacts and costs. These will be independent tasks, but they will be coordinated to avoid duplication of effort. Individual work authorizations will detail the support for specific programs or projects:

- The Bureau of Land Management's development of a Solar Power Plant Programmatic Environmental Impact Statement
- The California Department of Fish and Game's development of Natural Communities Conservation Plans
- The Renewable Energy Transmission Initiative
- The Western Governors' Association's Western Renewable Energy Zones project
- The California Independent System Operator's activities to plan for transmission expansion to deliver renewable energy
- Other programs, projects or groups that address permitting obstacles to renewable energy development in California and nearby areas where electric generation or transmission may be sited to serve California electricity load.

**Task 11 – Support developing Natural Communities Conservation Plans, Habitat Conservation Plans and other land or aquatic natural resource protections plans for selected areas in California that will facilitate the development of renewable energy resources**

The Energy Commission is working with the California Department of Fish and Game (CDFG), U.S. Fish and Wildlife Service, U.S. Bureau of Land Management (BLM), National Oceanic and Atmospheric Administration (NOAA) Fisheries, other wildlife management agencies and local governments in developing Natural Community Conservation Plans (NCCP), Habitat Conservation Plans (HCP) and other land and aquatic natural resource protection plans to guide development of renewable generation projects in California.

To support developing natural resource protection plans the Contractor shall:

- Conduct literature searches, review existing studies and coordinate with federal, state and local agencies to identify and characterize biological habitat and the presence of rare, threatened or endangered, or otherwise protected species in land and aquatic areas with potential for renewable resource development.
- Identify areas for habitat protection and management and identify areas with less valuable habitat that are more suitable for renewable power plant and transmission line construction.
- Conduct field surveys to validate and/or revise the results regarding biological habitat and species distribution, and sites for habitat protection and management or renewable power plant /transmission line construction.
- Use the decision support tools used to prepare land and aquatic resource protection plans and in the stakeholder engagement process, such as the Planning Alternative Corridors for Transmission Lines (PACT) model or other similar models, and interpret the results.
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**Task 12 – Identify sites for renewable power plant development in the state**

With a focus on key environmental areas such as land use and biological, cultural, paleontological, visual, water and soil resources, the Contractor shall:

- Identify preferred sites for renewable power plant and transmission line construction.
- Coordinate with federal, state and local agencies and assist in conducting environmental analysis of various renewable generation sites and transmission routes within areas with potential for renewable resource development.
- Using the information gathered and the analyses conducted, assist in developing a Desert Renewable Energy Conservation Plan (DRECP). Assist in developing other renewable energy conservation plans as needed.

**Task 13 – Gather and evaluate environmental and engineering information for use by the Bureau of Land Management (BLM) in their development of a Solar Power Plant Programmatic Environmental Impact Statement (PEIS)**

The Contractor shall evaluate potential solar power plant and transmission line development areas on federal land.

#### **Task 14 – Develop Best Management Practices to facilitate development of renewable resources while minimizing environmental impacts**

The Contractor shall help staff prepare a report, based on consultation with appropriate local, state and federal agencies, which describes “Best Management Practices” for the planning, permitting, construction and operation of renewable power plants and transmission lines in the desert areas in California.

#### **Environmental and Engineering Tasks to Support Energy Commission Knowledge Base**

(Tasks 15 – 16)

The Contractor shall support staff in the continuous updating of the Energy Commission’s knowledge base regarding power plant siting and transmission line planning and corridor designation issues. This work includes identifying and reviewing LORS and providing training on environmental and engineering topics.

#### **Task 15 –Laws, Ordinances, Regulations and Standards Assistance**

The Contractor shall:

- Identify and review Laws, Ordinances, Regulations and Standards (LORS) that apply to electricity infrastructure projects subject to the Energy Commission’s power plant certification or transmission corridor designation authority. Applicable LORS are those that apply to the location, design, construction or operation of a proposed facility for certification or designation by the Energy Commission.
- Summarize applicable LORS and compile a compendium for each technical area analyzed in an AFC, SPPE or TCD application. Update the compendium for each technical area as LORS change.
- Conduct analysis and gather evidence to support Energy Commission rulemakings to implement new, or revise existing, regulations that apply to electricity infrastructure projects subject to the Energy Commission’s certification or designation authority.
- Analyze and report on the effects of U.S. Environmental Protection Agency (USEPA) and State Water Resources Control Board (SWRCB) water quality control actions on Section 316 (b) of the Clean Water Act and on the use of coastal and estuarine waters for power plant cooling. Coordinate with federal, state and local agencies and assist in conducting environmental and/or engineering analysis of federal and state environmental impact documents related to Section 316 (b) of the Clean Water Act and SWRCB power plant cooling policies. Assist staff in developing alternative analyses to be submitted to state or local agencies for use in developing their cooling water control strategies. Assist staff in conducting analyses of 1) water consumption in the electric generation sector in California and 2) measures for reducing consumption of potable water and/or impacts from the use of seawater. Analyses for 2) may address, for example, feasibility, costs, benefits, effects on power plant performance, water and energy supply and consumption, environmental effects and consequences of power plant retrofits.

## **Task 16 – Train Staff, Commissioners, Commissioner Advisors and Other Stakeholders**

The Contractor shall provide technical training to Energy Commission staff, Commissioners, Commissioner Advisors and other stakeholders responsible for environmental protection or transmission system planning. Training will cover environmental and engineering topics associated with electric generation projects and transmission lines; data gathering and analysis; use of computer models; and other technical skills needed to review and analyze power plant permitting or transmission corridor designation applications. The Contractor may conduct training sessions with staff at the Energy Commission, at an offsite location, or by teleconference or internet. Work authorizations issued for training will indicate what expenses Contractor will be responsible for, depending on the needs of the particular training session. The work authorization will specify whether Energy Commission or Contractor will cover costs involved in conducting a training session, such as facility rental, or equipment.